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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,746	04/30/2001	Tamotsu Senda	2001_0534A	9145
513	7590	11/17/2004	EXAMINER	
WENDEROTH, LIND & PONACK, L.L.P.			LETT, THOMAS J	
2033 K STREET N. W.			ART UNIT	
SUITE 800			PAPER NUMBER	
WASHINGTON, DC 20006-1021			2626	

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/843,746	Applicant(s) SENDA, TAMOTSU	
	Examiner Thomas J. Lett	Art Unit 2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cortopassi et al (US Patent 6,707,942 B1) in view of Browning (US Patent 6,707,581 B1).

With respect to claim 1, Cortopassi et al discloses a cradle 60 coupled between a bus and a palm top portable communication system 100 (col 6, lines 9-11), which reads on a relay box for relaying signals between the handy scanner body and a device;

two-way communications (see Fig. 1) between cradle 60 and computer 100, which reads on a first cord for connecting the handy scanner body and the relay box with each other. Examiner notes that this can be satisfied by communication interface 108 (col 6, lines 63-67);

communication interface 108 (col 6, lines 63-67), which reads on a terminal for establishing connection with the device; and

communication bus 54(second cord) (see Fig. 1), is coupled with cradle 60 (relay box) connected to a communications interface 108, which reads on a second cord for

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connecting the relay box and the terminal with each other, said handy scanner body being mounted on said relay box. Cortopassi et al does not disclose expressly a handy scanner body having a read section on a bottom surface. Browning discloses a scan head 16 incorporated within a PDA 10 (col 2, lines 52-53). Cortopassi et al and Browning are analogous art because they are from the similar problem solving area of processing data. At the time of the invention, it would have been obvious to a person of ordinary skill in the art to add the scan feature of Browning to the handheld computer of Cortopassi et al in order to obtain a handheld scanner. The motivation for doing so would be to scan documents.

With respect to claim 2, Cortopassi et al discloses a cradle with a recess (see Fig. 4), which reads on the relay box has a recess which receives the handy scanner body.

With respect to claim 3, Cortopassi discloses that the communications interface could be any of USB, SCSI, or IEEE1394 (col 6, lines 63-67). The IEEE 1394 protocol achieves its fast data-transmission rates by reducing noise along the wires, which allows the signal to move along the line quickly and without error, which reads on the relay box contains an interfering electromagnetic wave reduction noise filter.

With respect to claim 4, Cortopassi et al discloses a cradle 60 (see Fig. 4) which mechanically holds a handheld device in the recess, which reads on the relay box comprises a fastener for fixing the handy scanner body in a state where the handy scanner body is received in the recess.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas J. Lett whose telephone number is 703-305-8733. The examiner can normally be reached on 7-3:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams can be reached at 703-305-4863. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC 20231

or Faxed to:

(703) 872-9314 (for Technology Center 2600 only).

Hand-delivered responses should be brought to:


Crystal Park II

2121 Crystal Drive

Arlington, VA

Sixth Floor (Receptionist).

TJL


KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER